

Mycology

***Aspergillus spp.* Culture Isolation/ Identification (see Fungal Culture)**

***Blastomyces spp.* Culture Isolation/ Identification (see Fungal Culture)**

***Blastomyces, Histoplasma, Coccidioides* Identification by Nucleic Acid Probe**

Specimen Requirements: Isolates sent on Sabouraud's slants or as reflex testing on positive primary specimens submitted for culture.

Turn Around Time: 1 to 3 working days for submitted isolates, others dependent on growth rate.

CPT Code: 87149 X 3

Price: \$29.50 each

Transport Temperature: Ambient

***Candida albicans* Culture Isolation/Identification (see Fungal Culture)**

***Coccidioides spp.* Culture Isolation/ Identification (see Fungal Culture)**

***Cryptococcus spp.* Culture Isolation/ Identification (see Fungal Culture)**

Dermatophytes Culture Isolation/ Identification (see Fungal Culture)

Fungal Culture Isolation/Identification

Specimen Requirements: Send original specimens in a sterile container. Send cutaneous specimens dry. Send fungal isolates on an agar slant.

Turn Around Time: Primary specimen cultures are monitored for 4 weeks prior to a negative report.

CPT Codes:

87101 (culture, skin)

87102 (culture, other)

87103 (culture, blood)

Price: \$36.75 Each

87106 (ID, yeast)

Price: \$15.75 Each

87107 (ID, mold)

Price: \$15.75 Each

Transport Temperature: Ambient

Histoplasma Culture Isolation/ Identification (see Fungal Culture)

Mold Culture Isolation/ Identification (see Fungal Culture)

Mycology Culture (see Fungal Culture)

***Nocardia spp.* Culture Isolation/ Identification (see Fungal Culture)**

***Penicillium spp.* Culture Isolation/ Identification (see Fungal Culture)**

***Sporothrix* Culture Isolation/ Identification (see Fungal Culture)**

Yeast Culture (see Fungal Culture)

Myiology (Fungal) Culture Collection and Transport

Tissue	Place tissue in sterile screw cap container and cover with 1 mL of sterile saline or broth. Refrigerate until time of mailing.
Blood	Collect 8 mL blood aseptically in a yellow Vacutainer tube (contains 0.05% SPS). This specimen can be used to inoculate a vented biphasic blood culture bottle containing TSB, TSA, or BHI agar and broth in a ratio of 1 part blood to 10 parts broth. Incubate at room temperature. Subculture onto Sabouraud's agar slants according to established procedures. Submit either slants or blood culture bottles for culture identification.
Bone marrow	Collect approximately 0.3 mL of bone marrow in a heparinized tube. Store specimen at room temperature or incubate until mailing. Ship in sterile screw cap container.
Bronchial wash, Pleural fluid, Joint fluid, Sputum	Send in sterile screw cap container. May be sent in TB transport container. Refrigerate specimen until mailing.
CSF	Send a minimum of 1.0 mL in sterile screw cap container. Store specimen at room temperature or incubate until mailing.
Hair	Remove about 10 hairs with roots using forceps; place hairs between clean glass slides or in clean envelope. Wrap slides in paper and tape closed. Send in mailer. NOTE: Hairs that break off at scalp level when using forceps must be removed with a knife. Scraping the scalp rarely yields infected hairs. Store and transport at room temperature.
Skin	Wipe lesions well with alcohol sponge (cotton will leave too many fibers on skin). Scrape the entire periphery of the lesion(s) with a sterile scalpel. Place scrapings between two clean glass slides as discussed under hair, or in an envelope. Send in mailer. Store and transport at room temperature.
Nails	Clean nail with alcohol sponge. Scrape and discard outer portion of nail. Collect scrapings from inner nail and send in envelope or between glass slides. Send an entire nail, if it has been removed, in a sterile screw cap container. Store and transport at room temperature.

Please Note: Both a TB culture and a fungal culture can be processed from a single specimen by request. Make certain that test request form is clearly marked.

Place each specimen container in an individual biohazard zip lock bag containing absorbent material and seal bag tightly. Make certain that container is labeled with patient identifier and collection date.

Fill out the standard laboratory request form. Place form in outside sleeve of biohazard zip lock bag and put into mailing container. Transport at ambient temperature by mail or courier.